

Table 1: Significance table.

	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>n</sub> jets <sub>a</sub> nd <sub>P</sub> FS <sub>L</sub> cuts	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>n</sub> jets <sub>a</sub> nd <sub>S</sub> L <sub>cuts</sub>	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>n</sub> jets <sub>r</sub> e <sub>a</sub> nd <sub>P</sub> FS <sub>L</sub> cuts	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>n</sub> jets <sub>r</sub> e <sub>a</sub> nd <sub>S</sub> L <sub>cuts</sub>
QCD <sub>Pt15</sub>	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD <sub>Pt30</sub>	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD <sub>Pt80</sub>	0 +- 0	19.5 +- 13.79	0 +- 0	9.751 +- 9.751
QCD <sub>Pt170</sub>	3.816 +- 1.02	2.18 +- 0.7709	2.18 +- 0.7709	0.5451 +- 0.3854
QCD <sub>Pt300</sub>	0.7901 +- 0.1012	0.07772 +- 0.03173	0.5052 +- 0.08089	0 +- 0
QCD <sub>Pt470</sub>	0.2152 +- 0.01723	0.001379 +- 0.001379	0.149 +- 0.01433	0.001379 +- 0.001379
QCD <sub>Pt800</sub>	0.01292 +- 0.0006621	0 +- 0	0.00865 +- 0.0005417	0 +- 0
QCD <sub>Pt1400</sub>	0.0001268 +- 6.55e-06	0 +- 0	9.437e-05 +- 5.65e-06	0 +- 0
TTbar <sub>temp</sub>	18.44 +- 0.3409	18.74 +- 0.3436	11.27 +- 0.2665	11.49 +- 0.2691
WJets <sub>temp</sub>	20.86 +- 8.518	24.34 +- 9.2	31.3 +- 10.43	20.86 +- 8.518
ZJets <sub>temp</sub>	0.4813 +- 0.1819	0.06876 +- 0.06876	0.4813 +- 0.1819	0.1375 +- 0.09724
ww <sub>pat1</sub>	0.4388 +- 0.4388	0.4388 +- 0.4388	0 +- 0	0.4388 +- 0.4388
wz <sub>pat1</sub>	0.1881 +- 0.133	0.09404 +- 0.09404	0.1881 +- 0.133	0.09404 +- 0.09404
zz <sub>pat1</sub>	0.07412 +- 0.07412	0.07412 +- 0.07412	0.07412 +- 0.07412	0.1482 +- 0.1048
LM0 <sub>temp</sub>	34.89 +- 0.4146	31.77 +- 0.3956	20.23 +- 0.3157	17.4 +- 0.2928
Significancy	5.183	3.925	2.978	2.639
QCD Significancy	15.87	6.811	12	5.422